

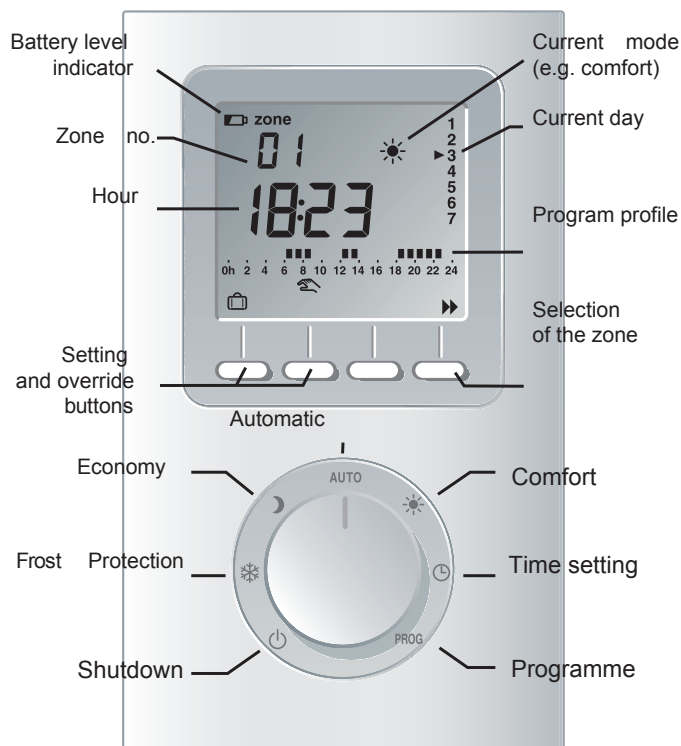


Manufacturers of Advanced Electric Heating Systems

# THE ZONERAY PROGRAMMER & CALI RADIATOR

## A BRIEF QUICK REFERENCE USER GUIDE

(to be read in conjunction with the full manuals)



Order sent by the central control unit	Corresponding temperature on the heating element
Comfort	Comfort setting (thermostat knob)
Economy	Economy setting or -2°C or -3°C in relation to Comfort setting (depending on model)
Frost protection  or	Frost protection fixed at 7°C or 8°C (depending on model)
Shutdown	Heating shutdown

Please ensure you read and fully understand all the instructions and advice relating to operation and programming contained in the full ZoneRay multi-zone instruction booklet before attempting to alter or programme any settings.

## THE BASICS

The heating of your home will be set up and controllable in zones – for example one for bedrooms etc (first floor) and one for living spaces (ground floor). This enables you to have different on/off times and settings for each zone which will help you to use energy more efficiently and in turn save money.

In normal operation, the programmer should be set to AUTO, this will enable the radiators to operate at the pre-programmed times.

For CONSTANT comfort operation, simply rotate the dial the SUN picture.

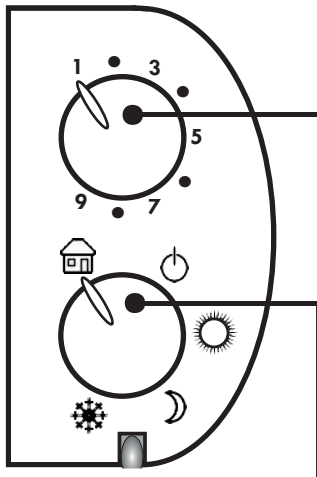
For CONSTANT background or economy operation, simply rotate the dial to the MOON picture.

When on holiday or if the property will not be occupied for several days, simply rotate the dial to the SNOWFLAKE picture for CONSTANT frost protection. This setting can be set for a period between 1- 99 days.

In summer, to switch the system off, simply select the SHUTDOWN setting.

# CALI RADIATOR

## ANALOGUE THERMOSTAT MANUAL CONTROL INSTRUCTIONS



### MODE SELECTION DIAL



#### Auto Mode

The radiator will operate in comfort or background modes at the times set by an external programmer such as the IntellyGreen or ZoneRay systems.



#### Off



#### Comfort Mode

Operates at the temperature set on the dial.



#### Background Mode

Maintains a temperature of 3.5 degrees C lower than the comfort setting.

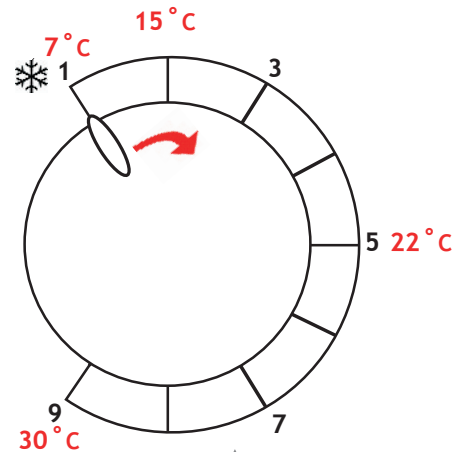


#### Frost protection Mode

Maintains a temperature of 7 degrees C.

### TEMPERATURE DIAL

The scale is only reliable when the radiator is positioned in a standard environment. It is normal for the temperature setting to vary in order to achieve the same ambient temperature in two different rooms:  
(Influence of Environment)



### Temperature control

Turn clockwise to increase temperature setting, turn anti-clockwise to reduce the temperature setting



### Indicator Light

- **NO LIGHT**  
Off
- **GREEN**  
Background Mode
- **RED**  
Comfort Mode

## **WARNING!**

The cable from the thermostat has a Live (BROWN) Neutral (GREY) and a **BLACK** wire, which is the **PILOT WIRE**. **NEVER** connect or allow the accidental connection of the **BLACK PILOT WIRE** to the Live or Neutral of the Power Supply or **ANY** Earth connections, if this occurs it will damage the thermostat beyond repair. The Black Pilot Wire is for connection to a pilot wire programmer, this could be a hard wired or wireless system. Please contact Intelli Heat for advice on such systems. If a pilot wire programming system is not being used, the black pilot wire **MUST** be properly isolated/insulated to avoid any connection to the Live, Neutral or Earth connections of the power supply.